



PTO/SB/08a (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/570,125
Filing Date	October 23, 2006
First Named Inventor	Albert J. Banes
Art Unit	163 1635
Examiner Name	Not Yet Assigned TC Gibbs
Attorney Docket Number	4647-060533

Sheet	1	of	2
-------	---	----	---

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 4,940,853	07-10-1990	Vandenburg	
		US- 5,698,425	12-16-1997	Ligon et al.	
		US- 5,712,135	01-27-1998	D'Halluin et al.	
		US- 5,789,214	08-04-1998	Ryals et al.	
		US- 5,804,693	09-08-1998	Gaffney et al.	
		US- 5,912,234	06-15-1999	Ruoslahti et al.	
		US- 5,593,874	01-14-1997	Brown et al.	
		US- 6,472,202 B1	10-29-2002	Banes	
		US- 6,586,235 B1	07-01-2003	Banes	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 02/46365 A2	06-13-2002	Flex-Cell International Corp.		
		WO 97/32016 A1	09-04-1997	The Ohio State Research Fdn.		

Examiner Signature	/Terra Cotta Gibbs/	Date Considered	02/11/2009
-----------------------	---------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TCG/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/570,125
				Filing Date	October 23, 2006
				First Named Inventor	Albert J. Banes
				Art Unit	1635
				Examiner Name	TC Gibbs
				Attorney Docket Number	4647-060533
Sheet	2	Of	2		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Myron Spector, Connective Tissue Cells with Muscle: Expression of Muscle Actin in and Contraction of Fibroblasts, Chondrocytes, and Osteoblasts, HARVARD ORTHOPAEDIC JOURNAL: ARTICLES, 2000 pages 1-7	
		Gildner et al, Fibronectin Polymerization Enhances the Tensile Mechanical Properties of Cell-Imbedded Collagen Gels, SUMMER BIOENGINEERING CONFERENCE, June 25-29, 2003, pages 0093-94	
		Stamenovic et al., Cellular Responses to Mechanical Stress Invited Review: Engineering Approaches to Cytoskeletal Mechanics, JOURNAL OF APPLIED PHYSIOLOGY, Vol 89, Issue 5, November 2000, pages 2085-2090	
		Awad et al., <i>In Vitro</i> Characterization of Mesenchymal Stem Cell-Seeded Collagen Scaffolds for Tendon Repair: Effects of Initial Seeding Density on Contraction Kinetics, J. BIOMED., 2000, Vol. 51, pages 233-240	
		Holvoet et al., The Inhibition of MAPK Pathway is Correlated with Down-Regulation of MMP-9 Secretion Induced by TNF- α in Human Keratinocytes, EXPERIMENTAL CELL RESEARCH, 2003, Vol. 290, pages 108-119	
		Rotsch et al., Drug-Induced Changes of Cytoskeletal Structure and Mechanics in Fibroblasts: An Atomic Force Microscopy Study, BIOPHYSICAL JOURNAL, Vol. 78, January 2000, pages 520-535	
		Garvin et al., Novel System for Engineering Bioartificial Tendons and Application of Mechanical Load, TISSUE ENGINEERING, Vol. 9, Number 5, 2003, pages 967-979	

Examiner Signature	/Terra Cotta Gibbs/	Date Considered	02/11/2009
--------------------	---------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TCG/